

Rec'd PCT/PTO 21 APR 2005  
**10/531366**

**RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/531,366  
Source: PCT  
Date Processed by STIC: 4-21-05

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PCT

## RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/10/531,366

TIME: 09:54:44

Input Set : N:\DA\10531366.txt

Output Set: N:\CRF4\04212005\J531366.raw

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3 <110> APPLICANT: Holm, Per Sonne
5 <120> TITLE OF INVENTION: Novel adenoviruses, nucleic acid coding therefor, and use
thereof
7 <130> FILE REFERENCE: H 10013 PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/531,366
C--> 10 <141> CURRENT FILING DATE: 2005-04-14
12 <160> NUMBER OF SEQ ID NOS: 8
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 20
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <221> NAME/KEY: misc_feature
23 <223> OTHER INFORMATION: Probe for binding to YB-1
26 <400> SEQUENCE: 1
27 tgaggctgat tggctgggca                                20
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 20
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial
35 <220> FEATURE:
36 <221> NAME/KEY: misc_feature
37 <223> OTHER INFORMATION: Probe for the manufacture of the detection probe for the KpnI
fragment
38         within the E2A coding Ad 5 sequence
41 <400> SEQUENCE: 2
42 gtcggagatc agatccgcgt                                20
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 20
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <221> NAME/KEY: misc_feature
52 <223> OTHER INFORMATION: Probe for the manufacture of the detection probe for the KpnI
fragment
53         within the E2A coding Ad 5 sequence
56 <400> SEQUENCE: 3
57 gatcctcgtc gtcttcgctt                                20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 20
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial
65 <220> FEATURE:

```

66 <221> NAME/KEY: misc\_feature

67 <223> OTHER INFORMATION: Probe for the manufacture of the detection probe for the KpnI fragment '

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68      within the E2A coding Ad 5 sequence
71 <400> SEQUENCE: 4
72 gtcggagatc agatccgcgt                                20
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial
80 <220> FEATURE:
81 <221> NAME/KEY: misc_feature
82 <223> OTHER INFORMATION: Probe for the manufacture of the detection probe for the KpnI
fragment
83      within the E2A coding Ad 5 sequence
86 <400> SEQUENCE: 5
87 gatcctcgtc gtcttcgctt                                20
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 18
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial
95 <220> FEATURE:
96 <221> NAME/KEY: misc_feature
97 <223> OTHER INFORMATION: Probe for the manufacture of the probe binding between the E2
early and
98      the E2 late promoter
101 <400> SEQUENCE: 6
102 agctgatctt cgcttttg                                18
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 22
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <223> OTHER INFORMATION: Probe for the manufacture of the probe binding between the
E2 early and
113      the E2 late promoter
116 <400> SEQUENCE: 7
117 ggatagcaag actctgacaa ag                                22
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 1260
122 <212> TYPE: DNA
123 <213> ORGANISM: Adenovirus type 37
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <223> OTHER INFORMATION: Part of the adenoviral E2 region with the YB-1 binding sites
129 <400> SEQUENCE: 8
130 aggaacttta tcctagagcg ctcaggaatc ttgcccgccca cctgctgtgc acttcctagc      60
132 gactttgtgc ccattaagta ccgcgaatgc cctccgccgc tttggggcca ctgctacctt      120
134 ctgcagctag ccaactacct tgcctaccac tctgacataa tggaagacgt gacgcggtgac      180
136 ggtctactgg agtgtcactg tcgctgcaac ctatgcaccc cgcaccgctc cctggtttgc      240
138 aattcgcagc tgcttaacga aagtcaaatt atcggtagct ttgagctgca gggtcacctg      300
140 cctgacgaaa agtccgcggc tccgggggtt aaactcactc cggggctgtg gacgtcggct      360
142 taccttcgca aatttgtacc tgaggactac cagcccccag agattagggt ctacgaagac      420
144 caatcccgcc cgccaaatgc ggagcttacc gctgcgtca ttacccaggg ccacattctt      480

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146	ggccaattgc	aagccatcaa	caaagcccgc	caagagtttc	tgctacgaaa	gggacggggg	540
148	gtttacttgg	acccccagtc	cggcgaggag	ctcaacccaa	tccccccgcc	gccgcagccc	600
150	tatcagcagc	agccgcgggc	ccttgcttcc	caggatggca	cccaaaaaga	agctgcagct	660
152	gccgccgcca	cccacggacg	aggaggaata	ctgggacagt	caggcagagg	aggttttgga	720
154	cgaggaggag	gaggacatga	tggaagactg	ggagagccta	gacgaggaag	cttccgaggt	780
156	cgaagaggtg	tcagacgaaa	caccgtcacc	ctcggtcgca	ttcccctcgc	cggcgcccca	840
158	gaaatcggca	accggttcca	gcatggctac	aacctccgct	cctcaggcgc	cgccggcact	900
160	gcccgttcgc	cgacccaacc	gtagatggga	caccactgga	accagggccg	gtaagtccaa	960
162	gcagccgccg	ccgttagccc	aagagcaaca	acagcgccaa	ggctaccgct	catggcgcg	1020
164	gcacaagaac	gccatagttg	cttgcttgca	agactgtggg	ggcaacatct	ccttcgccc	1080
166	ccgctttctt	ctctaccatc	acggcgtggc	cttccccctg	aacatcctgc	attactaccg	1140
168	tcctctctac	agcccatact	gcaccggcgg	cagcggcagc	ggcagcaaca	gcagcggcca	1200
170	cacagaagca	aaggcgaccg	gatagcaaga	ctctgacaaa	gcccgaagaa	tccacagcgg	1260

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 04/21/2005

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TIME: 09:54:45

Input Set : N:\DA\10531366.txt

Output Set: N:\CRF4\04212005\J531366.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

**VERIFICATION SUMMARY**

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Input Set : N:\DA\10531366.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date